

CLAIMS

What is claimed is:

1. A method of managing events in an information technology environment, the method comprising:

receiving an event at a plurality of event servers; and

processing the event using any one of the plurality of event servers, wherein the processing step comprises:

starting a transaction for processing the event;

obtaining event data based on the event;

storing the event data in an event data store;

publishing the event; and

committing the transaction after the event is published.

2. The method of claim 1, further comprising:

receiving a subscription request for the event from an event consumer; and

processing the subscription request using any one of the plurality of event servers.

3. The method of claim 1, further comprising:

receiving the event data at an event consumer; and

processing the event data using the event consumer.

4. The method of claim 1, further comprising managing the plurality of event servers based on at least one of availability, scalability, and load balance for the information technology environment.

5. The method of claim 1, further comprising:

generating the event at an event source; and

communicating the event from the event source to the plurality of event servers.

6. A method of managing events in an information technology environment, the method comprising:

receiving an event from an event source;

processing the event using any one of a plurality of stateless event servers; and

providing event data for the event to an event consumer.

7. The method of claim 6, further comprising managing the plurality of stateless event servers based on at least one of availability, scalability, and load balance for the information technology environment.

8. The method of claim 6, further comprising:

generating the event using the event source; and

communicating the event from the event source to the plurality of stateless event servers.

9. The method of claim 6, further comprising subscribing to the event using the event consumer.

10. The method of claim 6, wherein the processing step comprises:

obtaining event data based on the event;

storing the event data in an event data store; and

publishing the event.

11. The method of claim 10, wherein the processing step further comprises:

starting a transaction for processing the event prior to the storing step; and

committing the transaction after the publishing step.

12. A system for managing events in an information technology environment, the system comprising:

an event data store for storing event data for an event; and

a plurality of stateless event servers, wherein each stateless event server includes:

a subscription system for processing a subscription request for the event;

a communication system for receiving the event; and

a processing system for processing the event.

13. The system of claim 12, wherein the processing system includes:

a transaction system for managing a transaction within which the event is processed;

a data system for obtaining event data based on the event; and

a publish system for publishing the event.

14. The system of claim 13, further comprising an event consumer for processing the event data, wherein the communication system further communicates event data to the event consumer.

15. The system of claim 14, wherein the event data is communicated to the event consumer using Java Message Service Publish/Subscribe (JMS Pub/Sub).

16. The system of claim 12, further comprising an event source for generating the event.

17. The system of claim 16, wherein the event is communicated from the event source to the plurality of stateless event servers using a Java Message Service (JMS) queue.

18. The system of claim 12, wherein at least one of the plurality of stateless event servers comprises a standard Java 2 Platform, Enterprise Edition (J2EE) application executing on a Websphere Application Server.

19. A program product stored on a recordable medium for managing events in an information technology environment, which when executed comprises:

program code for receiving an event;

program code for selecting any one of a plurality of event servers to process the event;

and

program code for processing the event using the selected event server, wherein the

program code for processing includes:

program code for starting a transaction;

program code for obtaining event data based on the event;

program code for storing the event data in an event data store;

program code for publishing the event; and

program code for committing the transaction after the event is published.

20. The program product of claim 19, further comprising:

program code for generating the event;

program code for subscribing to the event; and

program code for processing the event data.